

Message

---

**From:** HODGE, DON [Hodge.Don@epa.gov]  
**Sent:** 2/23/2018 11:57:25 PM  
**To:** Li, Corine [Li.Corine@epa.gov]  
**CC:** Sablad, Elizabeth [Sablad.Elizabeth@epa.gov]; Banks, Karl [Banks.Karl@EPA.GOV]; evans-walker, daria [evans-walker.daria@epa.gov]; Garcia-Bakarich, Luis [Garcia-Bakarich.Luis@epa.gov]; Jenzen, Jacob [Jenzen.Jacob@epa.gov]; Lee, Bessie [Lee.Bessie@epa.gov]; Yen, Anna [Yen.Anna@epa.gov]  
**Subject:** SDWIS data for Small Systems Plan 2.0  
**Attachments:** SSP2\_vio\_ALE\_union.xlsx

Corine, attached is the data for the follow-on Small Systems Plan, at least a first cut at it.

The attachment provides summary counts and detail for the following specifications:

- PWSs serving populations up to 3,300
- with health-based arsenic and lead violations in the most recent year not returned to compliance
- and school/daycare PWSs with a health-based violation of any type in the last five years excluding TCR and unregulated contaminants
- and PWSs with a PB90 ALE in the last nine years
- showing PWSs that are in the SSP 1.0 appendix tables (otherwise new PWSs in Plan 2.0)
- and showing school/daycare status

I can revise the queries and update the tables if we want to change any of these specifications. We may want to reduce the period of ALEs, for example, or include schools of all sizes (though we might have to rename the plan).

The "Summary tables" sheet shows counts by agency of "issues" – violations and ALEs – by contaminant code and of distinct PWSs (with any specified issue). The descending order of contaminant types by number of issues for the region as a whole is PB90 (possibly due to the long time period I used but also because ALEs have no equivalent of RTC), then arsenic, nitrate, and rads. You can set filters on the summary tables to show only schools, or only "new" PWSs (not in the previous plan), or other subsets of interest.

The PWSs tab provides some detail on each distinct PWS that met the specifications; the PWS-issues tab is similar but shows 27 PWSs with more than one contaminant. Either of these could be the basis of a new tracking table.

If this works with or without tweaks, I can now run it periodically, perhaps annually, with the same or updated specifications, to show progress or generate a new list.

Comments welcome. Have a good weekend. --Don